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Covering codes. G.Cohen, I.Honkala, S.Litsyn, and A.Lobstein

... of the Delsarte theorem mentioned above, **extended** from the ... After a short chapter, mostly on **BCH codes**, they devote ... finding "the worst way [to **shorten**] a linear ...
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... Hamming **BCH** Reed-Solomon ... Page 38. 37 **Extended** Hamming **Codes** Parity **Codes** ... **Code** shortening enhances this flexibility **Shorten** rows, columns, and/or bits Page 40. 39 ...
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... the Hamming **codes** are a particular case (one-error-correcting **BCH codes**). ... a two-dimensional $(8,4) \times (8,4)$ **extended** Hamming Product **code** ... **Shorten** 6 Additional Bits ...
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... correcting **BCH-codes** (Bose-Chaudhuri-Hocquenghem), or Hamming **Codes**. ... Assume a two-dimensional $(8,4) \times (8,4)$ **extended** Hamming Product ... **Shorten** 6 Additional Bits ...
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... and a $(31; 16; 7)$ **extended BCH code (BCH)** heuristically minimized ... be applied to several generators: **shorten** C by ... 31, dimension 16, triple **error-correcting BCH** ...
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... the orthogonal of the **extended** binary Hamming **code** ... The general theory of **BCH codes** (see [1, Chapter 2]) immediately ... $k = n \setminus \Gamma_4 = 251$, and **shorten** to length ...
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... case in a series of works on **BCH codes** [23], [11 ... Let us **shorten** C with respect to these ... and fi ... This definition is **extended** naturally to cover higher weights [26 ...
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... 8-PSK and 64-QAM, can be **extended** to asymmetric 16 ... (64,36,12), and (64,57,4) **ex-BCH codes**, with an ... In this case, two levels of **error** correcting capability are ...
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... correcting **BCH-codes** (Bose-Chaudhuri-Hocquenghem), or Hamming **Codes** ... 8,4) \times (8,4) **extended** Hamming Product ... input, the first row encoder **error** correction **coding** ...
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... Hamming **BCH** Reed-Solomon Convolutional **Codes** (Viterbi) ... 1.E+00 1 2 3 4 5 6 7 8
Eb/No (dB) Bit **Error** Rate P(e) ... Page 38. 37 **Extended** Hamming **Codes** Parity **Codes** ...
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... The words of weight 16 in an **extended** cyclic **code** ... 32) $\geq 2^{43}$ comes from a **BCH code** [9, p ... JH Conway and NJA Sloane, Lexicographic **codes**: **error**-correcting **codes** ...
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... [11; 5; 6] yields an **extended code** with parameters ... weights of binary primitive **BCH codes**, IEEE Transactions on ... NJ.Sloane: The Theory of **Error-Correcting Codes**, ...
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... **extended** direct sum construction given in (79) and (81 ... the [31, 11] five-**error**-correcting **BCH code**, has an ... Peterson and E. J. Weldon, Jr., **Error-Correcting Codes** ...
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[PS] [38] M. Yamada, [Distance-regular digraphs of girth 4 over an ...](#)

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... and **extended** to a map from \mathbb{Z}_n ... for even $m \neq 4$, which by comparison with (8) is seen to have twice as many codewords as a double-**error**-correcting **BCH code**. ...
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... and (9) yields another bound on the **error** probability ... which we omit, follow immediately from the theory in [12]. ... 1 are two codewords in the **code**, all codewords ...
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... 31 4.3.2.2 Interleaving of **extended** TFCI word ... Table 4-1. **Error** Correction **Coding** Parameters Transport channel type **Coding** scheme (constraint ... **BCH** **PCH** **FACH** **RACH** ...

www.3gpp.org/ftp/tsg_ran/TSG_RAN/TSGR_03/Docs/Pdfs/Rp-99289.PDF - [Similar pages](#)

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